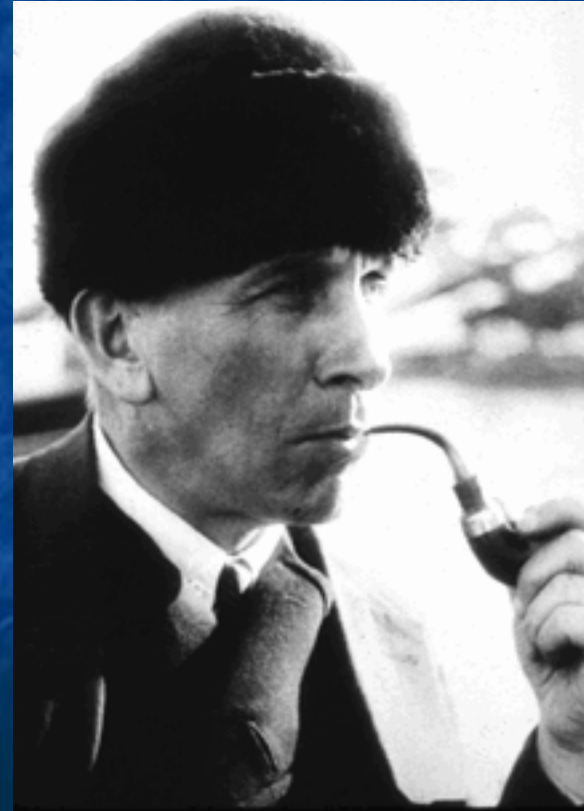
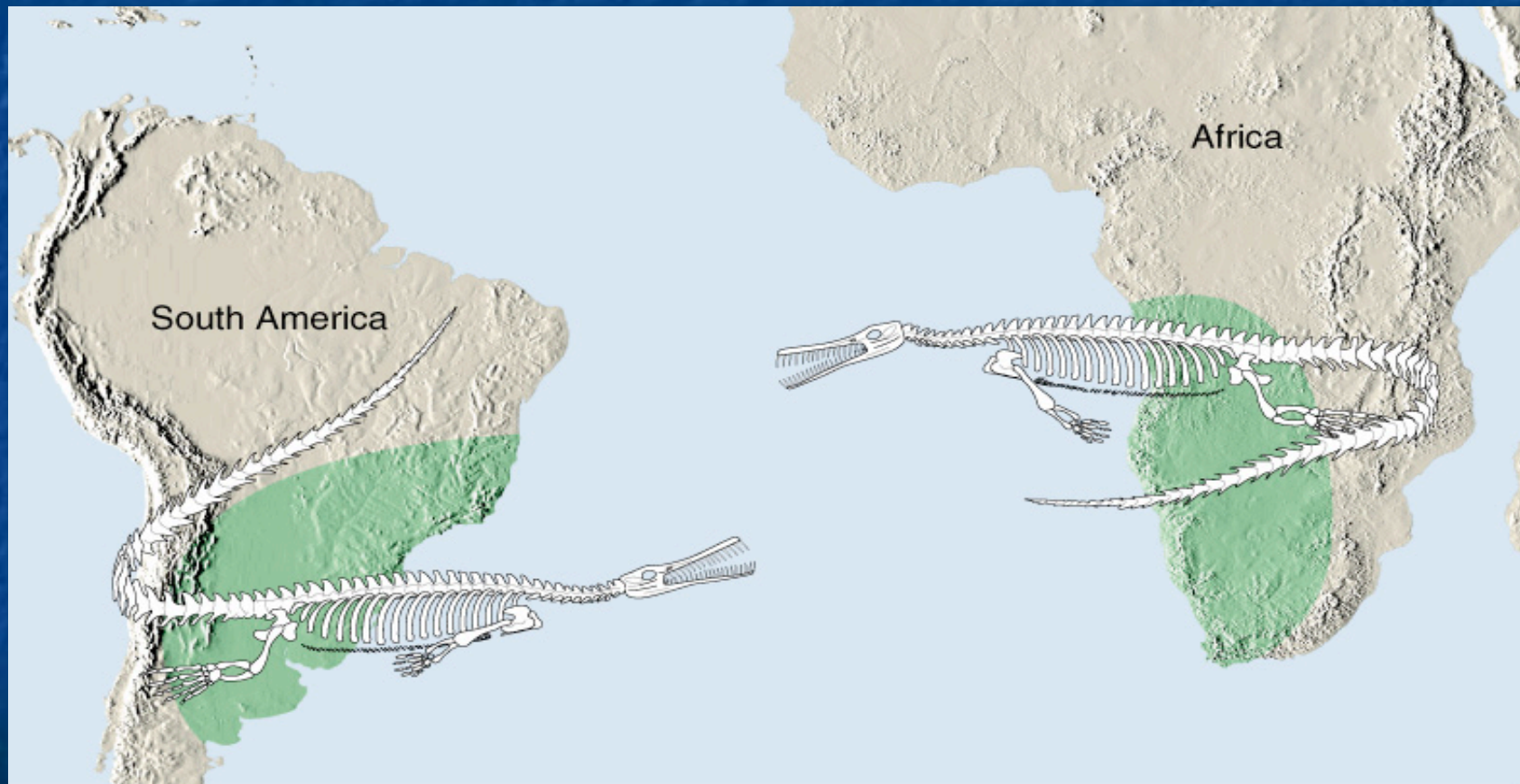


Wegener's Drifting Plates Theory

What is the evidence
Wegener used to
support Continental
Drift?

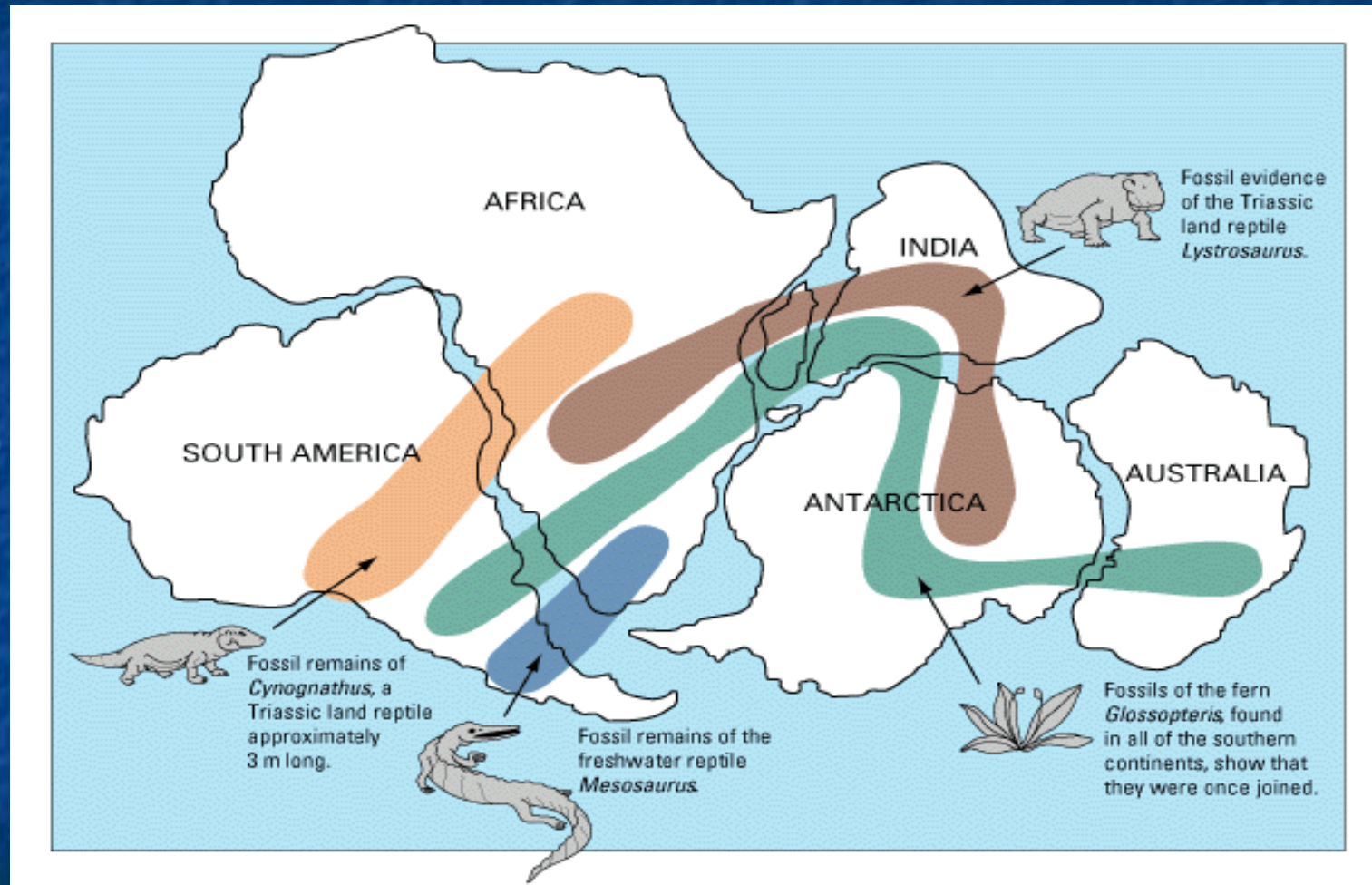


A similar fossil record is found
on different continents



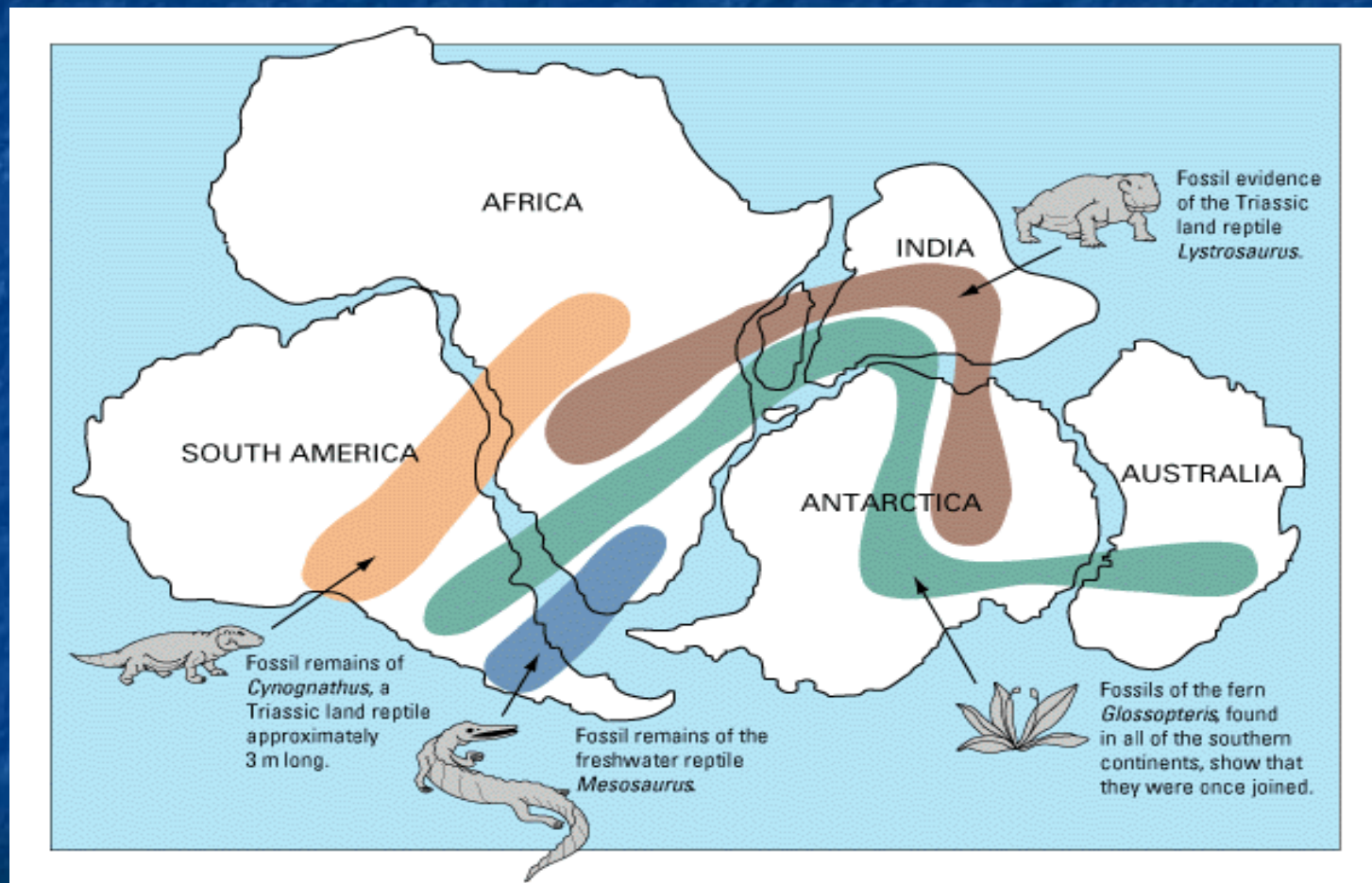
Such as the freshwater reptile *Mesosaurus*

These animals can't swim in salt water!



So--what does that tell us about Pangaea?

Evidence of dramatic climate changes:



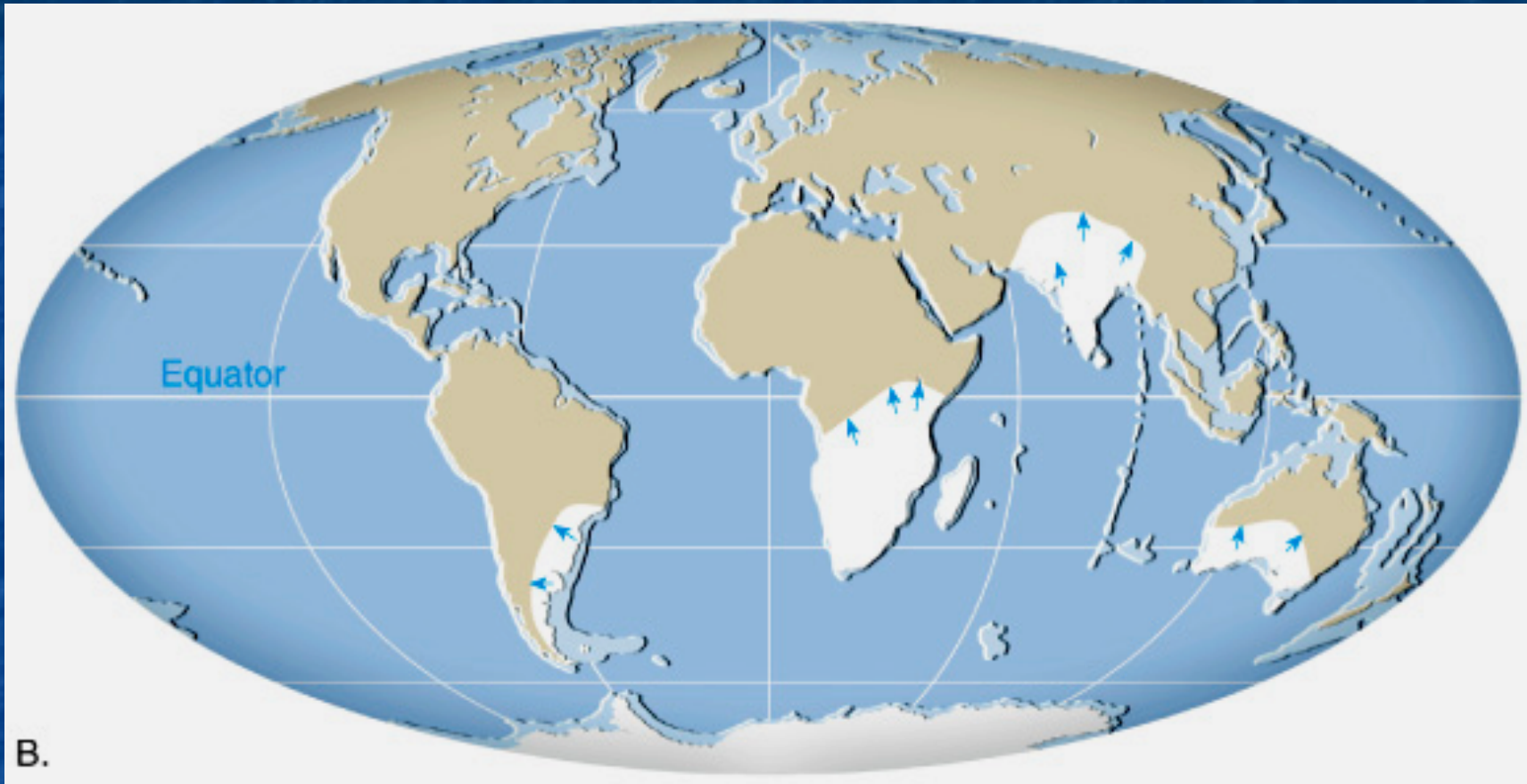
Such as: Coal deposits in Antarctica

Similar mountain ranges appear
on different continents.





Glacial Evidence



Grooves carved by glaciers were found on many continents.

Glacial Striations:



One way to piece together the evidence:



Another view:



The remarkable fit between Africa & South America



All this evidence points to a
Supercontinent.



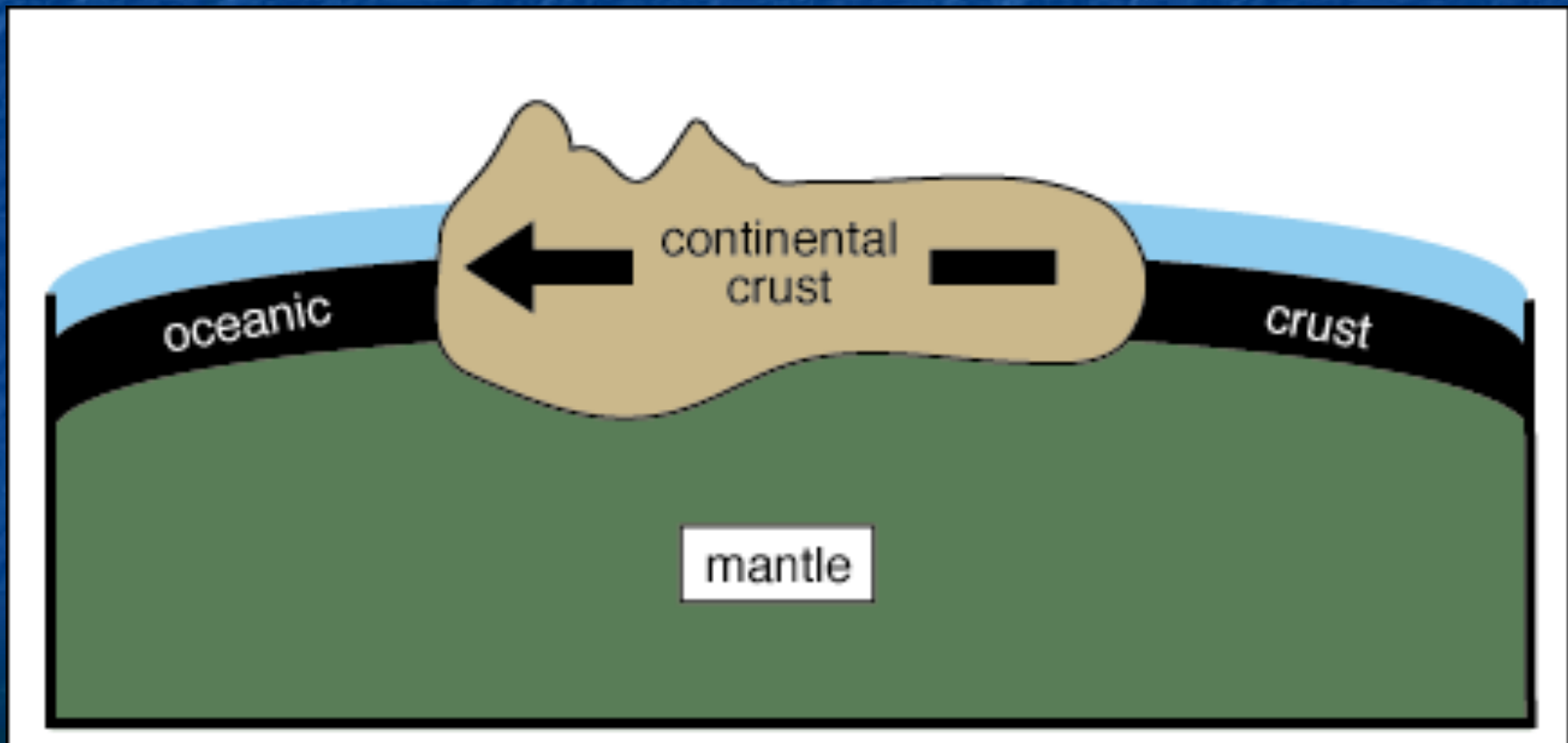
The Theory of Continental Drift had a **fatal weakness**.



Wegener couldn't answer the
fundamental question:

What kind of forces could be
strong enough to move such
large masses of solid rock over
such great distances?

He said: The continents simply plowed through the ocean floor !!!



Wegener's theory was dismissed as being eccentric, preposterous, and improbable ...



Wegener died in 1930 never knowing that his theory was finally accepted by most scientists.

The End

